

H1BAK1247

Lock Lube & De-Icer

765-1420

MATERIAL SAFETY DATA SHEET

Effective Date: 6-10-95

Revision Date: none

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Code: QPC

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Section 1 - Product and Company Identification

PRODUCT NAME: Lock Lube & De-Icer

765-1420

MANUFACTURER'S NAME:

EMERGENCY TELEPHONE NUMBER

Qualco Products Company

(908)322-2100

137 South Avenue

Fanwood, NJ 07023

MISCELLANEOUS INFORMATION

(908)322-2100

Section 2 - Hazardous Ingredients

HAZARDOUS COMPONENTS				
(Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Isopropyl alcohol CAS 000067-63-0	400 ppm	400 ppm		44%

Section 3 - Hazards Identification

ROUTE(S) OF ENTRY:

INHALATION: yes

SKIN : yes

INGESTION : yes

HEALTH HAZARDS(Acute and Chronic): repeated or prolonged contact may cause dermatitis and conjunctivitis. Harmful or fatal if swallowed.

CARCINOGENICITY:

NTP : no

IARC MONOGRAPHS: no

OSHA REGULATED : no

SIGNS AND SYMPTOMS OF EXPOSURE: Inhalation: temp.. dizziness, headache, nausea. Eye & Skin: may cause discomfort by the defatting action of solvents. Repeated contact may cause dermatitis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: see above

Section 4 - First Aid Measures

EMERGENCY FIRST AID PROCEDURES: Remove patient to fresh air. Flush eyes with water for 15 minutes. Contact doctor. Ingestion: induce vomiting. Call doctor at once. Skin-Wash soap/water.

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Section 5 - Firefighting Measures

FLASH POINT (Method Used): 55 tag closed cup

FLAMMABLE LIMITS:  
LEL: 1.8%  
UEL: 8.0%

EXTINGUISHING MEDIA: Foam, Dry chemical, carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: the use of self-contained breathing apparatus is recommended. Water may be unsuitable as an extinguisher but helpful in keeping other containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from heat, sparks and open flames.

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Section 6 - Environmental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove sources of ignition and provide ventilation. Provide respiratory protection. Large spills may be scooped up with non-sparking tools. Small with absorbent material. Place in closed container for disposal.

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Section 7 - Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool place away from heat, sparks, open flame. Keep covered when not in use. Avoid prolonged skin contact.

OTHER PRECAUTIONS: Ground containers when pouring. Limit free fall to a few inches to prevent static sparks. Do not cut, puncture or weld on or near empty container.

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Section 8 - Exposure Controls/Personal Protection

RESPIRATORY PROTECTION(Specify Type): Chemical cartridge respirator with an organic vapor cartridge if LEL or TLV

VENTILATION:

LOCAL EXHAUST : yes  
MECHANICAL(General):  
SPECIAL :  
OTHER :

PROTECTIVE GLOVES: Neoprene rubber gloves

EYE PROTECTION: goggles or side shield spectacles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: a safety shower and eye bath should be readily available

WORK/HYGIENIC PRACTICES:

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Section 9 - Physical and Chemical Properties

BOILING POINT : 178-212 Deg F  
VAPOR PRESSURE(mm Hg) : 33  
VAPOR DENSITY (AIR-1) : Heavier than air  
SOLUBILITY IN WATER :  
SPECIFIC GRAVITY (H2O=1): 0.902  
MELTING POINT : VOC=3.68 lb/gal  
EVAPORATION RATE  
(Butyl Acetate=1) : is faster  
APPEARANCE & ODOR : water white mobile liquid with an alcoholic odor

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Section 10 - Stability and Reactivity

STABILITY: Stable  
CONDITIONS TO AVOID:

INCOMPATIBILITY(Materials to Avoid): Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion will produce carbon dioxide and carbon monoxide

HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID:

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Section 11 - Toxicological Information

Not available.

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Section 12 - Ecological Information

Not available.

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Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD: In accordance with local, state and federal regulation.

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Section 14 - Transport Information

Not available.

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Section 15 - Regulatory Information

Not available.

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Section 16 - Other Information

Not available.